

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES ✓
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

040504

13281  
U.S. PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0851-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

PICO-0054-1

First Inventor

JEWELL, Jack L.

Title

OPTO-MECHANICAL ASSEMBLY

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-145019270 U.S. PTO  
10/817039

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 40]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Sheets       ]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Associate POA

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/351,401

Prior application information:

Examiner Palmer, Phan T HArt Unit: 2874

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number: 22506 OR ☐ Correspondence address below

Name	Jagtiani + Guttag		
Address	Democracy Square Business Center 10363-A Democracy Lane		
City	Fairfax	State	Virginia
Country	United States of America	Zip Code	22030
Telephone	703.591.2664	Fax	703.591.5907

Name (Print/Type)	Ajay A. Jagtiani	Registration No. (Attorney/Agent)	35,205
Signature	<i>Ajay A. Jagtiani</i>	Date	April 5, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9159 and select option 2.

13281  
U.S. PTO

# Patent Fee Transmittal for FY 2004

☒ Applicant Claims Small Entity Status 37 C.F.R. 1.27

**TOTAL AMOUNT OF PAYMENT \$385.00**

Application Number

Filing Date

Named Inventor

Examiner Name

Art Unit

Attorney Docket No.

To be assigned

Concurrently herein

JEWELL, Jack L.

To be assigned

To be assigned

PICO-0054-1

## FEE CALCULATION

### 1. Basic Filing Fee

Large Entity		Small Entity		Description	Paid
Code	(\$)	Code	(\$)		
1001	770	2001	385	Utility filing fee	\$ 385
1002	340	2002	170	Design filing fee	\$ -
1003	530	2003	265	Plant filing fee	\$ -
1004	770	2004	385	Reissue filing fee	\$ -
1005	160	2005	80	Provisional filing fee	\$ -
1609	730	2609	365	IPEA U.S.	\$ -
1610	770	2610	385	ISA U.S.	\$ -
1611	1,080	2611	540	USPTO not ISA or IPEA	\$ -
1612	100	2612	50	Claims Meet PCT Art. 33-IPEA/US	\$ -
1613	920	2613	460	Filing with EPO or JPO SR	\$ -

**Basic Fee Subtotal \$ 385**

### 2. Extra Claim Fee

#### a. Claims as Filed

Total Claims	Extra Claims
0	0
Independent	1
Multiple Dependent	0

#### b. Claims as Amended

Total Claims	After Amnt	Highest Paid	Present Extra
0	0	0	0
Independent	0	0	0

First Presentation of Multiple Dependent

\* Less than 20, enter 20 \*\* Less than 3, enter 3

Large Entity		Small Entity		Paid
Code	(\$)	Code	(\$)	
1202	18	2202	9	\$ -
1201	86	2201	43	\$ -
1203	290	2203	145	\$ -

Large Entity		Small Entity		Paid
Code	(\$)	Code	(\$)	
1202	18	2202	9	\$ -
1201	86	2201	43	\$ -
1203	290	2203	145	\$ -

**Extra Claim Fee Subtotal \$ -**

### 3. Additional Fees

Large Entity		Small Entity		Description	Paid
Code	(\$)	Code	(\$)		
1251	110	2251	55	Extension for reply first month	\$ -
1252	420	2252	210	Extension for reply second month	\$ -
1253	950	2253	475	Extension for reply third month	\$ -
1254	1,480	2254	740	Extension for reply fourth month	\$ -
1255	2,010	2255	1,005	Extension for reply fifth month	\$ -
1401	330	2401	165	Notice of Appeal	\$ -
1402	330	2402	165	Filing Brief in Support of Appeal	\$ -
1403	290	2403	145	Request for Oral hearing	\$ -
1460	130	1460	130	Petitions to Commissioner	\$ -
1451	1,510	1451	1,510	Petition - public use proceeding	\$ -
1452	110	2452	55	Petition to Revive - Unavoidable	\$ -
1453	1,330	2453	665	Petition to Revive - Unintentional	\$ -
1501	1,330	2501	665	Utility Issue Fee	\$ -
1502	480	2502	240	Design Issue Fee	\$ -
1503	640	2503	320	Plant Issue Fee	\$ -
1504	300	1504	300	Publication Fee	\$ -
1814	110	2814	55	Statutory Disclaimer	\$ -
1811	100	1811	100	Certificate of Correction	\$ -

(cont.)

### 3. Additional Fees (cont.)

Large Entity		Small Entity		Description (cont.)	Paid
Code	(\$)	Code	(\$)		
8021	40	8021	40	Recording each Assignment	\$ -
1806	180	1806	180	Submission of IDS	\$ -
1801	770	2801	385	Request for Cont. Examination	\$ -
1809	770	2809	385	Filing Submission After Final	\$ -
1051	130	2051	65	Surcharge - late filing fee or oath	\$ -
1052	50	2052	25	Surcharge - late provisional fee	\$ -
1053	130	1053	130	Non-English Specification	\$ -
1807	50	1807	50	Processing Fee 37 CFR 1.17(q)	\$ -
1812	2,520	1812	2,520	Request for Ex Parte Reexamination	\$ -
1804	920	1804	920	Request Pub. of SIR prior	\$ -
1805	1,840	1805	1,840	Request Pub. of SIR after	\$ -
1810	770	2810	385	Each Add. Invention Examined	\$ -
1802	900	1802	900	Expedited Examination (Design)	\$ -
1551	910	2551	455	Maintenance Fees 3.5 years	\$ -
1552	2,090	2552	1,045	Maintenance Fees 7.5 years	\$ -
1553	3,220	2553	1,610	Maintenance Fees 11.5 years	\$ -
1554	130	2554	65	Surcharge - Late Payment 6 mos.	\$ -
Other fee					\$ -

**Additional Fee Subtotal \$ -**

### METHOD OF PAYMENT

☒ Deposit Account No. **10-0233-PICO-0054-1**
☒ The Commissioner is hereby authorized to charge the amount shown above and any additional fees which may be required under 37 CFR 1.16, 1.17, 1.18, 1.20 and 1.492 or credit any overpayment to the deposit account number listed above.

Name

Ajay A. Jagtiani

Reg. No.

35,205

Firm

Jagtiani + Guttag

Address

10363-A Democracy Lane, Fairfax VA 22030

Telephone

703.591.2664

Fax

703.591.5907

Signature

April 1, 2004

Date